

U.S. PTO

# UTILITY PATENT

## APPLICATION TRANSMITTAL

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Check Box, if applicable [ ] Duplicate

Attorney Docket No.

042183

Total Pages

First Named Inventor or Application Identifier

Katsunori ICHIKI, Akio SHIBATA, Akira FUKUDA,  
Hirokuni HIYAMA, Kazuo YAMAUCHI and Seiji SAMUKAWA

Express Mail Label No.

APPLICATION ELEMENTS FOR:  
BEAM SOURCE AND BEAM PROCESSING  
APPARATUS

ADDRESS TO:

Commissioner for Patents  
MAIL STOP PATENT APPLICATION  
P. O. Box 1450  
Alexandria, VA 22313-1450

2386 U.S. PTO  
10/797723

031104

1. ☒ Fee Transmittal Form (Incorporated within this form) **(The filing fee is deferred)**
2. ☒ Specification Total Pages [27]
3. ☒ Drawing(s) (35 USC 113) Total Sheets [4]
4. ☐ Oath or Declaration Total Pages [ ]  
**NOT attached; deferred under P.L. 97-247**
  - a. ☐ Newly executed (original)
  - b. ☐ Copy from prior application (37 CFR 1.63(d)  
(for continuation/divisional with Box 17 completed).
    - i. ☐ Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation by reference (useable if box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement Verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet and document(s)) to: (1) EBARA CORPORATION, Tokyo Japan  
(2) TOHOKU UNIVERSITY, Sendai-shi, Japan

Please publish the assignee data with the application.

9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

031104  
-1328  
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10. ☐ English translation Document (if applicable)
11. ☒ Information Disclosure Statement ☒ Copies of IDS Citations (PTO-1449 w/ 10 ref.)
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity Status is claimed.
15. ☒ Claim for Convention Priority ☐ [1] Certified copy of Priority Document is enclosed.  
a. Priority of Japanese Application No. 2003-071073 filed on March 14, 2003 is claimed under 35 USC 119.
16. ☐ Other
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior application no. \_\_\_\_/

FEE TRANSMITTAL	Number Filed	Number Extra	Rate	.. Basic Fee
The filing fee is calculated below				\$770.00
Total Claims	16 - 20		x \$18.00	
Independent Claims	4 - 3	1	x \$86.00	\$86.00
Multiple Dependent Claims			\$290.00	
Total Basic Filing Fee				\$856.00
Reduction by 1/2 for small entity				
Fee for recording Assignment			\$40.00	\$40.00
TOTAL				\$896.00

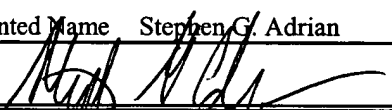
**XX NO FEE ENCLOSED. THE FILING FEE IS DEFERRED.**

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	042183
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PAGE 3 OF 3		

- ☐ A check in the amount of \_\_\_\_\_ is enclosed to cover the filing fee of \_\_\_\_\_ and the assignment recordation fee of \_\_\_\_\_.
- ☐ Please charge our Deposit Account No. **50-2866** in the total amount of \_\_\_\_\_ to cover the filing fee and the \_\_\_\_\_ assignment recordation fee. A duplicate of this sheet is attached.
- ☐ The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account no. 50-2866

**18. CORRESPONDENCE ADDRESS:**

**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**  
**Customer No. 38834**

SUBMITTED BY	
Typed or Printed Name	Stephen G. Adrian
Reg. No.	32,878
Signature	
Date:	March 11, 2004

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
 1250 Connecticut Avenue, N.W., Suite 700  
 Washington, D.C. 20036  
 Tel: (202) 822-1100  
 Fax: (202) 822-1111